PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE INSTALLATION OF NEW LOOPS ON BOTH MD 193 APPROACHES AND A NEW E/P LOOP FOR THE EASTBOUND MD 450 APPROACH. MD 450 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

INTERSECTION OPERATION

THIS INTERSECTION IS TO CONTINUE TO OPERATE IN A NEMA EIGHT PHASE, FULLY-TRAFFIC-ACTUATED MODE, THERE WILL BE EXCLUSIVE/PERMISSIVE LEFT TURNS ON ALL FOUR APPROACHES. THE THROUGH MOVEMENTS ON MD 450 WILL OPERTATE CONCURRENTLY. THE THROUGH MOVEMENTS ON MD 193 WILL OPERATE CONCURRENTLY.

CONTROLLER REQUIREMENTS

THE EXISTING CONTROLLER AND CABINET ARE TO BE UTILIZED.

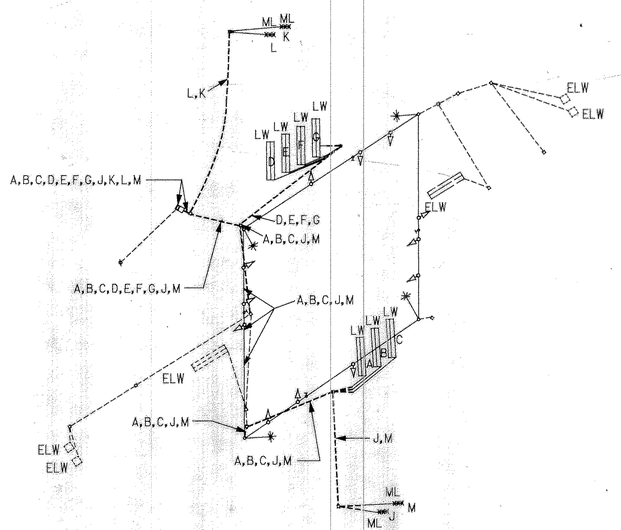
SPECIAL NOTE

ON PLAN TS-1821B MD 193 IS NOTED AS "OLD MD556" AND "GLENDALE RD".

72 HOURS PRIOR TO ANY WORK ON THE TRAFFIC SIGNALS, THE CONTRACTOR SHALL NOTIFY THE DISTRICT 3 TRAFFIC SECTION REPRESENTATIVE, MR. RICHARD BUETTNER (301-513-7316) AND THE SIGNAL OPERATIONS SUPERVISOR, MR. EDWARD RODENHIZER (410-787-7652).

ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE BECAUSE THESE UNDERGROUND AND OVERHEAD UTILITIES MAY BE MODIFIED PRIOR TO AND DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

WIRING DIAGRAM

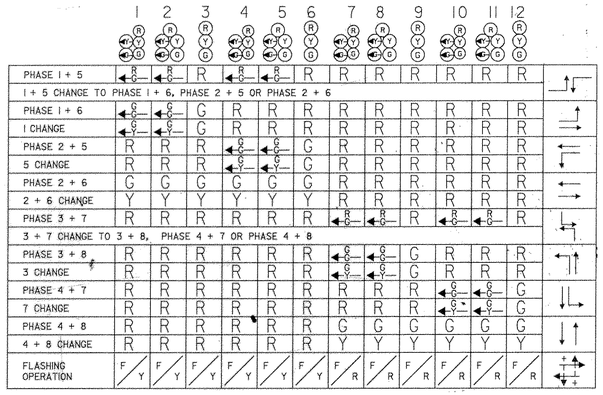


EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

CATEGORY CODE NO.	SPEC. SECTION	QUANTITY	DESCRIPTION
900000	810	2 EA.	MICRO LOOP PROBE SET WITH 1000 FT. LEAD-IN
900000	810	2 EA.	MICRO LOOP PROBE SET WITH 500 FT. LEAD-IN

PHASE DIAGRAM



EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE NO.	SPEC. SECTION	QUANTITY	DESCRIPTION
114245	104	170 L.F.	24 IN. WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
805125	805	300 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 40 RIGID PVC CONDUIT - TRENCHED
805150	805	45 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
805160	805	184 L.F.	FURNISH AND INSTALL 1 IN. LIQUID-TIGHT NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
811001	811	4 EA.	FURNISH AND INSTALL ELECTRICAL HANDHOLE
861104	810	1840 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
862101	810	3450 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO.14 A.W.G)
862102	815	1076 L.F.	FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTOR)
800000	805	205 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
800000	810	4 EA.	INSTALL MICRO LOOP PROBE SET
800000	XXX	LUMP SUM	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	376	465

TEMPORARY SIGNAL PHASE III

DWG. NO. TS - 30

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

REVISIONS

Ⓒ AUGUST 1996 - WTB. MODIFY EXISTING SIGNAL SHA NO. PG9005171
JDM

Ⓑ 10-29-86 INSTALL E/P L/T ON ALL APPROACHES + LOOP DETS.
JJD | SR | XX | ETP | TH

Ⓐ 10-23-86 AS BUILT
JJD

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 (ANNAPOLIS ROAD) AT MD 193 (GLENN DALE BLVD / ENTERPRISE ROAD)

LOG MILE NO. 16019312.85 DATE 4/21/81

DRAWN BY: SR
CHECK BY: STEVE RENZI
SCALE: NONE

F.A.P. NO. RR 18(49)
S.H.A. NO. P 170-501-382
COUNTY PRINCE GEORGES

PLAN SHEET NO.: TS-1821C-X2-GI

SHEET NO. 376 OF 465

FILE NO. SSIR450JON
09-26-96 JJS